

ROADSIDE DEVELOPMENT

CORE MIX

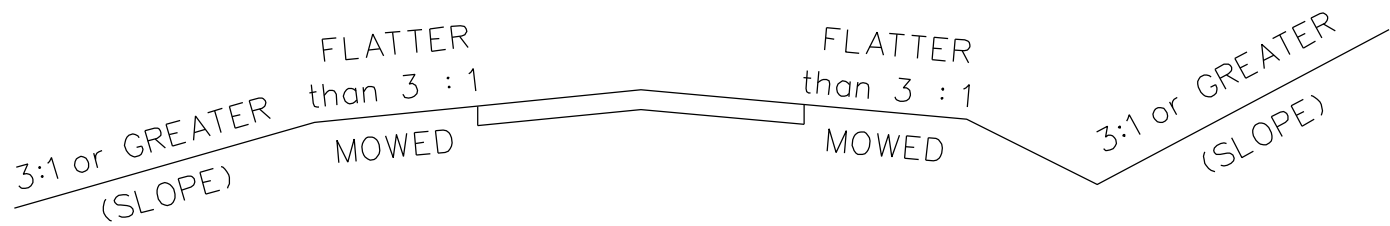
| MIX            | LBS./ACRES | DESCRIPTION  |
|----------------|------------|--|
| 1              | ▲          | ✱ 100% CERTIFIED FINE FESCUE                             |
| 2              | ▲          | 100% CERTIFIED TALL FESCUE                               |
| 3              | ▲          | 50% CERTIFIED TALL FESCUE<br>✱ 50% CERTIFIED FINE FESCUE |
| 4              | ▲          | 50% ORCHARDGRASS<br>50% CERTIFIED KENTUCKY BLUEGRASS     |
| 5              | ▲          | 100% BERMUDAGRASS  |
| TEMPORARY      |            |  |
| 3/1 - 5/16 and | 50         | 50% CERTIFIED TALL FESCUE                                |
| 8/16 - 3/1     | 50         | 50% BARLEY, WINTER RYE<br>OR WINTER WHEAT                |
| 5/16 - 8/16    | 50         | 50% FOXTAIL MILLET                                       |
|                | 50         | 50% CERTIFIED TALL FESCUE                                |

- ▲ ALL RATES TO BE SPECIFIED BY THE DISTRICT  
ROADSIDE MANAGER
- ✱ FINE FESCUES INCLUDE CHEWINGS, CREEPING RED,  
HARD, SHEEP

ADDITIVES

| TYPE | LBS./ACRES | DESCRIPTION                                |
|------|------------|--|
| A    | ▲          | 100% LOVEGRASS                             |
| B    | ▲          | 100% BARLEY, WINTER RYE<br>OR WINTER WHEAT |
| C    | ▲          | 100% FOXTAIL MILLET                        |
| D    | ▲          | 100% ANNUAL RYEGRASS                       |
| E    | ▲          | 100% CROWNVETCH (LEGUME)                   |
| F    | ▲          | 100% SERICEA LESPEDEZA (LEGUME)            |
| G    | ▲          | 100% BIRDSFOOT TREFOIL (LEGUME)            |
| H    | ▲          |  |
| I    | ▲          |  |
| J    | ▲          |  |
| K    | ▲          |  |

SECTION OF SEED LOCATIONS



SEEDING SCHEDULE

| ROADSIDE DEVELOPMENT SUMMARY |                       |                 |                 |      |                   |                |                           |                      |  |
|------------------------------|-----------------------|-----------------|-----------------|------|-------------------|----------------|---------------------------|----------------------|--|
| PROJECT NUMBERS              | ⊗ TOPSOIL<br>2" CLASS | REGULAR<br>SEED | OVER<br>SEEDING | LIME | FERT.<br>15-30-15 | LEGUME<br>SEED | LEGUME<br>OVER<br>SEEDING | TEMPORARY<br>SEEDING |  |
|                              | A   B<br>ACRES        | LBS.            | LBS.            | TONS | TONS              | LBS.           | LBS.                      | LBS.                 |  |
| SYCOLIN ROAD                 | 2                     | 300             | 170             | 5    | 1                 |                |                           | 150                  |  |
|                              | 2                     | 300             | 170             | 5    | 1                 |                |                           | 150                  |  |

⊗ DENOTES ITEM(S) TO BE PAID FOR ON BASIS OF PLAN QUANTITIES IN  
ACCORDANCE WITH CURRENT ROAD AND BRIDGE SPECIFICATIONS.

| PROJECT NUMBERS                  | SLOPES<br>SEED MIX<br>WITH<br>ADDITIVE | MOWED<br>SEED MIX<br>WITH<br>ADDITIVE | SLOPES<br>SEED MIX<br>WITH<br>ADDITIVE      | MOWED<br>SEED MIX<br>WITH<br>ADDITIVE | SLOPES<br>SEED MIX<br>WITH<br>ADDITIVE | MOWED<br>SEED MIX<br>WITH<br>ADDITIVE |
|----------------------------------|--|---------------------------------------|---|---------------------------------------|--|---------------------------------------|
|                                  | SPRING<br>MONTH & DATE<br>4/1 - 6/1    | SUMMER<br>MONTH & DATE<br>6/1 - 9/15  | FALL & WINTER<br>MONTH & DATE<br>9/15 - 4/1 |                                       |  |                                       |
| ✱ SPECIFY KIND OF<br>FINE FESCUE |  |                                       |   |                                       |  |                                       |

NOTES:

APPROXIMATELY 5.70 ACRES WILL BE DISTURBED ON THIS PROJECT AND WILL REQUIRE THE  
ESTABLISHMENT OF GRASSES AND/OR LEGUMES.

☆ NOTES FOR FIELD USE ONLY

OVERSEEDING RATES SHALL BE 100 PERCENT OF THE SEED MIXTURE SUPPLIED  
WITHOUT FERTILIZER.

THE ENGINEER WILL REQUIRE THE CONTRACTOR TO PERFORM SUPPLEMENTAL SEEDING WHEN  
LESS THAN 75 PERCENT UNIFORM STAND OF THE PERMANENT GRASS SPECIFIED IN THE  
MIXTURES IS OBTAINED. (ANNUAL SPECIES SUCH AS, RYE AND MILLET ARE TEMPORARY  
VARIETIES AND REQUIRE SUPPLEMENTAL SEEDING.)

NOTES APPLY TO SCHEDULE

LEGUME SEED MIXES (BIRDSFOOT TREFOIL, CROWNVETCH, AND SERICEA LESPEDEZA)  
AND WEEPING LOVEGRASS SHALL NOT BE USED ON SHOULDERS AND OTHER LOCATIONS  
FLATTER THAN 3:1 SLOPE.

LEGUME SEED SHALL BE INOCULATED WITH THE APPROPRIATE STRAIN AND RATE OF BACTERIA.  
FOR HYDROSEEDING, USE FIVE TIMES THE DRY SEEDING RATE OF INOCULATE.

A TEMPORARY MIX OR EROSION CONTROL MULCH, AS DIRECTED BY THE ENGINEER, IS TO  
BE USED ONLY ON AREAS THAT ARE TO BE REGRADED OR LATER DISTURBED, IF LEFT  
DORMANT FOR MORE THAN 15 DAYS.

EROSION CONTROL MULCH, AS DIRECTED BY THE ENGINEER, IS TO BE USED ON AREAS THAT  
ARE TO BE LEFT DORMANT FOR MORE THAN 15 DAYS BETWEEN DECEMBER 1 AND  
FEBRUARY 28.

EROSION CONTROL MULCH, AS LISTED ON THE VDOT APPROVED PRODUCTS LIST, SHALL BE  
APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EROSION CONTROL MULCH SHALL PROVIDE 100 PERCENT COVERAGE OF ALL DENUDED AREAS

SPRING & SUMMER AND FALL & WINTER DEFINED FOR THE PURPOSE OF DETERMINING  
WHETHER HULLED OR UNHULLED BERMUDAGRASS AND SERICEA LESPEDEZA SEED IS REQUIRED:

SPRING & SUMMER 4/1 - 9/15 - USE HULLED SEED  
FALL & WINTER 9/15 - 4/1 - USE UNHULLED SEED

TYPE I MULCH (STRAW) TO BE USED ON NEWLY SEEDED AREAS ADJACENT TO ALL WATERWAYS,  
WETLANDS, SWAMPS, OR ANY AREA IN WHICH DRAINAGE FLOWS TOWARD AREAS UNDER THE  
JURISDICTION OF THE ENVIRONMENTAL REGULATORY AGENCIES.

TYPE I MULCH SHALL BE APPLIED TO PROVIDE A MINIMUM 90 PERCENT COVERAGE.

TYPE I MULCH SHALL BE TACKED WITH FIBER MULCH AT THE RATE OF 750 LBS. PER  
ACRE AND/OR MULCH TACKIFIER.

TYPE II MULCH (FIBER MULCH) MAY BE SUBSTITUTED FOR TYPE I MULCH AT THE  
RECOMMENDATION OF THE DISTRICT ROADSIDE MANAGER.

TYPE II MULCH SHALL BE APPLIED AT A RATE OF 1500 LBS. (NET DRY WEIGHT) PER ACRE TO  
PROVIDE A MINIMUM OF 90 PERCENT COVERAGE, AND SHALL BE APPLIED IN A SEPARATE  
APPLICATION.

ALL TOPSOIL IS TO BE FREE OF HARD LUMPS, CLOUDS, ROCKS AND FOREIGN DEBRIS AND  
IS TO BE HAND RAKED TO TIE INTO EXISTING LAWNS.

ALL SEED MUST BE IN CONFORMANCE WITH VDOT SEED SPECIFICATIONS FOR GRASSES &  
LEGUMES AND BE PROVIDED AT THE PROJECT SITE IN BAGS NOT OPENED AND LABELED FOR  
USE ON VDOT PROJECTS WITH A GREEN TAG CERTIFYING INSPECTION BY THE VIRGINIA  
CROP IMPROVEMENT ASSOCIATION.

MIX REQUIREMENTS THIS PROJECT

RECOMMENDATIONS FOR THE APPLICATION OF SEED MIXTURES  
(CORE MIX AND ADDITIVES), FERTILIZER, LIME, ETC. ARE TO  
BE OBTAINED FROM THE DISTRICT ROADSIDE MANAGER.

REVISED 7/03  
SPECIAL DESIGN SECTION  
DRAWING NO. A-4

| REVISIONS | DATE | BY | DESCRIPTION |
|-----------|------|----|-------------|
| 7-24-08   |      |    |             |
| CM        |      |    |             |

\* REVISIONS \*

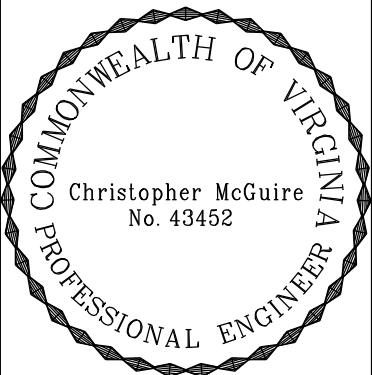
LOUDOUN COUNTY  
OFFICE OF CAPITAL CONSTRUCTION

SYCOLIN ROAD WIDENING  
(ROUTE 643)

DESIGNED BY: TW/AP/BP  
CADD: DWG: APJ/D

DATE: JUNE 2008

DMJM HARRIS | AECOM



SHEET NO.  
2B6